

## Security Intelligence.

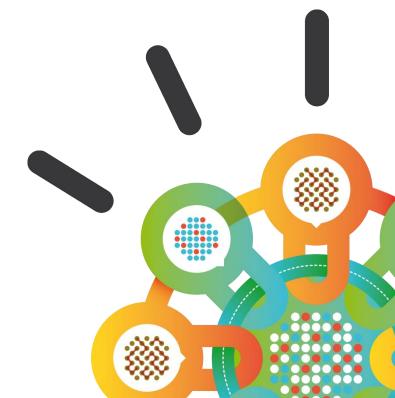
# Think Integrated.

Attain Clarity of your Security Posture with new IBM Security QRadar Incident Forensics



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Product Marketing

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#### QRadar Incident Forensics – Hands-on Workshop

- QRadar Overview 10min
- Instructor Tutorial 20min
- Search Case #1 30min
- Search Case #2 30min
- Wrap-up





#### Traditional customer challenges employing network forensics

Critical gaps exist in available forensics and threat mitigation offerings to recover from an incident

Difficulty identifying true incidents hidden in mounds of data



Dependency on specialized skills to conduct detailed investigations



Disparate tools with limited intelligence inhibit productivity and efficacy in analysing incidents



Security teams must *reduce the time to detect and respond to threats.* Confusion and wasted time aid the attacker.



## Ponemon Institute LLC Research Findings

#### Network forensics industry benchmarks

Average time required to complete one investigation regarding a suspected security breach?

• 58.7 hours

Average time required to complete one forensic investigation from detection to containment for a security breach?

6.8 days

Percentage of organizations using a particular member of the IT security team for investigations?

• 71%

Percent of forensic investigators/analysts employed with advanced degrees?

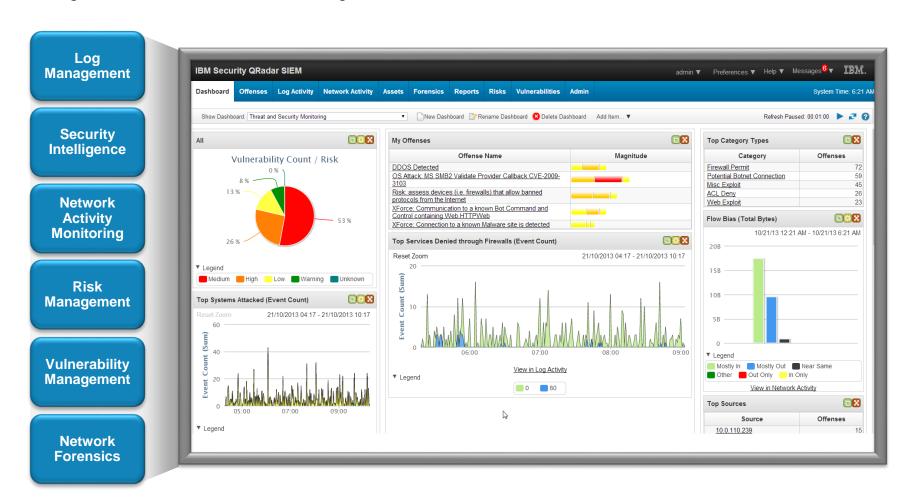
• 56%





### IBM QRadar Security Intelligence Platform

An integrated, unified architecture in single web-based console





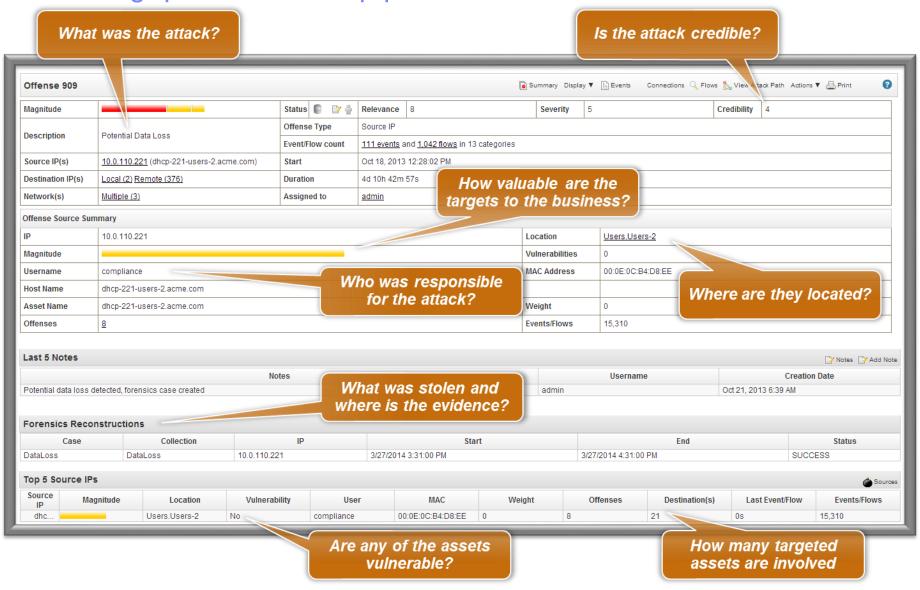
### Big Data approach to automated offense identification

#### Extensive Data Sources Security devices Suspected Servers and mainframes **Automated** Incidents Offense Identification **Network and virtual activity Prioritized Incidents** Massive data reduction. Data activity Automated data collection, asset discovery and profiling **Application activity** Automated, real-time, and integrated analytics **Configuration information** Activity baselining and anomaly detection Vulnerabilities and threats Out-of-the box rules and templates **Embedded Users and identities** Intelligence Global threat intelligence



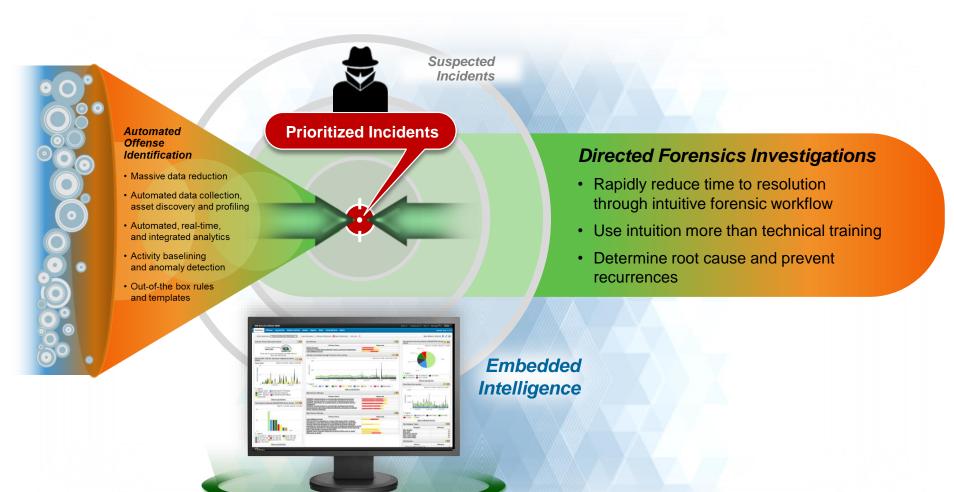


#### Answering questions to help prevent and remediate attacks





#### Extend clarity around incidents with in-depth forensics data





#### IBM Security QRadar Incident Forensics

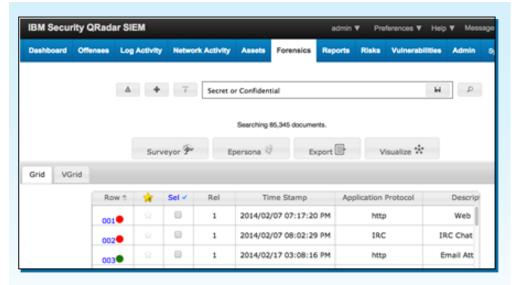
#### Intuitive investigation of security incidents



Drastic reduction of investigation time

**Evidence gathering against** malicious entities

Root cause identification of successful breaches



"Research findings indicate enterprise organizations want increased awareness of advanced threats without the need for additional resources and forensics expertise."

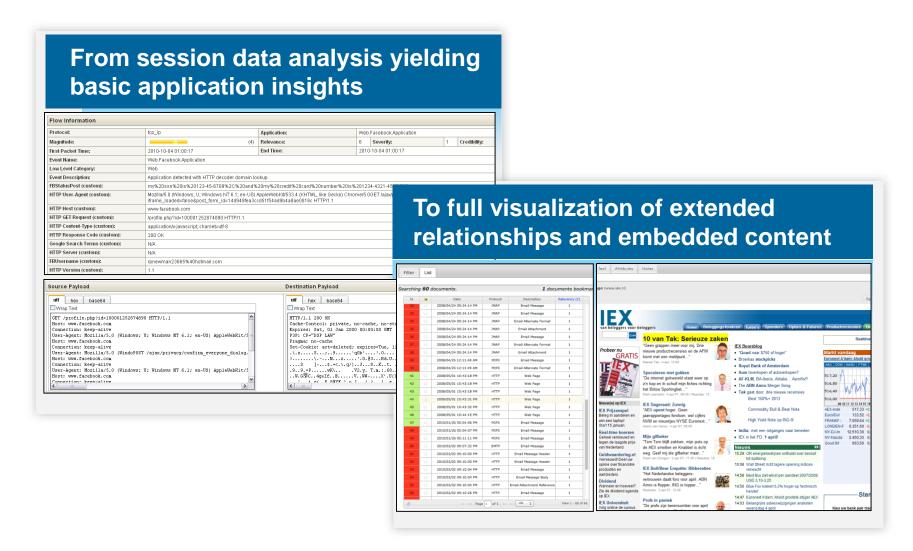
Jon Oltsik, Enterprise Systems Group (ESG)

Win the race against time





#### Better clarity into network activity



# Client example: U.S. financial organization shortens investigations backlog with integrated network forensics

#### Accelerate incident investigations

Prior network forensics point solution averaging

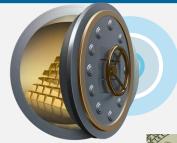
# Hours

to investigate an incident as either false positive or true threat reduced to

# **Minutes**

using integrated capability







#### Business challenge

- Completing daily lists of QRadar offense investigations to avoid building backlogs
- Quickly ruling out false positives to spend more time on true threat remediation plans
- Eliminate outsourcing of forensics analysis

#### IBM Security Solutions (QRadar SIEM, QRadar QFlow, QRadar Incident Forensics)

Single console Web-based interface provides clear direction regarding potential scope and risk for identified incidents. Right-click integration and Forensics dashboard provide ultimate clarity revealing underlying conditions supporting offense.

#### Find out more on Incident Forensics



# Visit our website : www.ibm.com/software/products/en/qradar-incident-forensics



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# Now it's your turn to try it!

Statement of Good Security Practices: IT system security involves protecting systems and information through prevention, detection and response to improper access from within and outside your enterprise. Improper access can result in information being altered, destroyed or misappropriated or can result in damage to or misuse of your systems, including to attack others. No IT system or product should be considered completely secure and no single product or security measure can be completely effective in preventing improper access. IBM systems and products are designed to be part of a comprehensive security approach, which will necessarily involve additional operational procedures, and may require other systems, products or services to be most effective. IBM DOES NOT WARRANT THAT SYSTEMS AND PRODUCTS ARE IMMUNE FROM THE MALICIOUS OR ILLEGAL CONDUCT OF ANY PARTY.

# Thank You

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